

# **DAT Conference Call Summary 6/24/2008**

## **I. Participants**

FFeyrer (DWR), GAasen (DFG), LShih (CCWD), AGleason (DFG), LBartoo (FWS), SBrewer (FWS), AChu (DWR), MFord (DWR), RShahcheraghi(DWR), TBoardman (SLDMWA), MMorrow (DWR), JSnow (WWD)

## **II. Conclusions and Recommendation**

No operational changes were recommended at this time.

This was the final DAT call of the season. The weekly conference calls will resume sometime around the first week of October 2008.

## **III. Chinook Salmon Monitoring**

Red Bluff Diversion Dam: No Report.

FWS posts biweekly reports on the Bay-Delta and Tributaries Project website, at [http://baydelta.ca.gov/Php/Special\\_Reports/red\\_bluff.php](http://baydelta.ca.gov/Php/Special_Reports/red_bluff.php)

Mill Creek: Sampling was discontinued on June 13<sup>th</sup> after 8 days with no salmon or steelhead captured.

Deer Creek: No sampling.

Butte Creek: No sampling.

GCID: No report.

Knights Landing: No report.

## **IV. Delta Monitoring**

For the period 06/15/08 - 06/21/08

Sacramento MWTR, 2 days, 20 samples, 1 CHNF, Chipps Island MWTR, 3 days, 39 samples, 16 CHNF, 1 CHNT & 1 DSM (40 mm)

Lower Sacramento Seine, 1 day, 4 samples, 4 SPLT & no other species of concern, North Delta Seine, 1 day, 5 samples, 163 SPLT, 1 CHNF, Central Delta Seine, 1 day, 8 samples, 5 SPLT, South Delta Seine, 1 day, 2 samples, no species of concern, San Joaquin Seine, 1 day, 6 samples, 1 SPLT, Bay Seine, 1 day, 3 samples, No species of concern

## **V. Delta Smelt Monitoring**

Spring Kodiak Trawl: <http://www.delta.dfg.ca.gov/data/skt/>  
Done for the year.

20mm Survey: <http://www.delta.dfg.ca.gov/data/20mm/>

Survey 7 was completed June 9<sup>th</sup> – 13<sup>th</sup>

46 stations (all but station 919) were sampled and processing is complete. 121 delta smelt have been seen at 15 stations. Size range was 12 to 83, with an average of 33.

154 longfin smelt have been seen at 13 stations. Size range was 14-38, with an average of 29.

Two more Survey will be completed this year. Survey 8 will take place the week of June 23<sup>rd</sup> and Survey 9 will take place the week of July 7<sup>th</sup>.

Summer Towntet: <http://www.delta.dfg.ca.gov/data/towntet/>

Survey 2 was completed the week of June 16<sup>th</sup>. Preliminary results for the first 3 days of sampling include 7 delta smelt from stations 809, 804 and 509. There were 97 longfin smelt collected at stations 704, 508, 513 and 810.

There will be 6 Summer Towntet Surveys completed this year through August.

SWG: [http://www.fws.gov/sacramento/es/delta\\_smelt\\_working\\_group.htm](http://www.fws.gov/sacramento/es/delta_smelt_working_group.htm)

The SWG met on June 24<sup>th</sup>.

## **VI. Salvage Facilities**

Salvage web site: <http://www.delta.dfg.ca.gov/Data/Salvage/>

For the period of June 16-22:

Chinook Salmon:

No winter-run sized nonclipped salmon were salvaged at the CVP or SWP.

Season total loss for nonclipped winter-run are 375 at the CVP and 917 at the SWP.

No fall-run sized salmon were salvaged at the CVP or SWP.

No late fall-run sized salmon were salvaged at the CVP or SWP.

No spring-run sized salmon were salvaged at the CVP or SWP.

Season total loss for all races for both facilities are 6,030 clipped and 22,700 nonclipped salmon.

Steelhead:

No steelhead were salvaged at the CVP or SWP.

Seasonal total salvage for CVP are 1,578 clipped and 309 nonclipped steelhead.

Seasonal total salvage for SWP are 1,262 clipped and 671 nonclipped steelhead.

Delta smelt:

Juvenile delta smelt were salvaged at the SWP (46) and at the CVP (28) for the period of reporting.

Seasonal salvage totals are 1009 for CVP and 983 for SWP.

No delta smelt were found in larval fish samples at the SWP from 6/16/2008 to 6/18/2008. Larval sampling ceased for the season at the SWP on 6/19/2008.

Larval sampling ceased for the season at the CVP on 6/16/2008.

Longfin smelt:

No longfin smelt were salvaged at the CVP or SWP.

Seasonal salvage totals are 369 for CVP and 1,112 for SWP.

No longfin smelt were found in larval fish samples at the SWP from 6/16/2008 to 6/18/2008. Larval sampling ceased for the season at the SWP on 6/19/2008.

Larval sampling ceased for the season at the CVP on 6/16/2008.

Splittail:

Sacramento splittail were salvaged at the CVP (24).

No Sacramento splittail were salvaged at the SWP.

Total seasonal salvage for both facilities is 6,070.

Sturgeon:

No green or white sturgeons were salvaged at the CVP or the SWP for the period of reporting. The seasonal (10/01/2007 to present) salvage total of green sturgeon at the federal facility is 8. The seasonal (10/01/2007 to present) salvage total of white sturgeon at the state facility is 38.

## VII. Operations

SWP Delta Ops Summary: <http://wwwoco.water.ca.gov/cmplmon/reports/deltaops.html>

USBR CVO Reports: <http://www.usbr.gov/mp/cvo/>

### SWP:

CCFB – 1,000cfs.

Oroville – 2,700cfs dropping to 2,500cfs today.

San Luis - SWP share of San Luis capacity is 565 taf.

X2 - >81 km

E/I - 3-day ~13.7%

### CVP:

Jones PP – 1,000cfs

DCC – The DCC gates will remain open until February 1<sup>st</sup> except for the 45-days of optional closures between November 1 and January 31.

Trinity – 2,000cfs

Clear Creek – 150cfs

Keswick – 13,000

Nimbus – 3,500cfs

Goodwin – 500cfs

San Luis - CVP share of capacity is 206 taf.

### Flows:

Sacramento River at Freeport ~ 12,562cfs

San Joaquin River at Vernalis ~ 914cfs

Delta Outflow ~ 8,193cfs. 3-day average is 8,014cfs.

Old & Middle River flow ~ USGS 7-day average is -1,751 cfs as of June 21 (DWR provisional estimate is -1,918cfs as of June 23).

### Temperature:

Daily average for 6/23/08

Antioch ~ 21.9C

Rio Vista ~ 22.4C

Mossdale ~ 24.5C

3-Station Average ~ 22.9C

Temporary Barriers:

[http://baydeltaoffice.water.ca.gov/sdb/tbp/index\\_tbp.cfm](http://baydeltaoffice.water.ca.gov/sdb/tbp/index_tbp.cfm)

Status as of June 20, 2008

Head of Old River (HOR) Barrier:

The spring HOR barrier work will not be installed this year due to a court decision by US District Court Judge Wanger that prohibited the installation of the spring barrier to increase protections for delta smelt. This is an interim decision that effects the 2008 season only. The fall HORB is not effected.

Agricultural Barriers (Old River near Tracy [ORT], Middle River [MR], Grant Line Canal [GLC]):

Work began May 12 at the DMC barrier with closure being completed on Wednesday, June 4. The Middle River barrier construction began on May 20 and was completed May 21. Crews began construction of the Grant Line Canal north abutment (boat ramp) on May 19. Partial closure (completion of the boat ramp) was completed on Monday, June 2. Full closure of the GLC barrier will begin next week and is expected to be complete by Friday, June 27. The ORT barrier catwalks were installed this week with the help of divers, enabling the culvert flap gates to be tied open to the catwalks. The ORT weir notch was then re-closed this week on Wednesday. Flap gates on the MR, ORT, and GLC barriers remain tied open, however, we intend to untie all but a few flap gates at the ORT barrier next week to help improve water levels. The culverts at the ORT barrier remaining tied open will be to possibly help improve circulation and therefore water quality on Old River.

Modeling:

Modeling was begun this week but was not received in time for today's update. Modeling results will be again sent out in a separate emailing early next week. A look at CDEC data for this week shows water levels were higher this week at the three sites monitored above the barriers, due partially to the higher strength tides and the full closing of the ORT barrier on Wednesday. Next week levels are expected to drop due to the weaker tides late in the week. However, we intend to close the GLC barrier and untie most of the flap gates next week which should offset these reductions.

Notes:

Fishery agencies and DWR will be closely monitoring conditions for Delta smelt which might effect operations of the barriers during May/June. Changes in flap-gate operations on the culverts, delaying filling of the GLC center section, removal of the barriers, and changes to SWP/CVP export operations are all possible actions that could be taken to protect smelt if necessary.

## VIII. Delta Water Quality

### X2 standard:

The standard for June projects to require 1 day at Chipps Island by either a maximum daily EC of 2.64, a maximum 14-day running average EC of 2.64, or a 3-day average outflow of 11,400cfs. In addition, the same standard at Collinsville is required for all the days in June by either a maximum daily EC of 2.64, a maximum 14-day running average EC of 2.64, or a 3-day average outflow of 7,100cfs.

### E/I:

35%

### Delta Cross Channel:

Can be closed up to 14 days until June 15<sup>th</sup>. The gates will remain closed through June 15<sup>th</sup>, except that they will be opened on the weekends.

### Contra Costa Canal:

Cl  $\leq$  250 mg/L. In addition, Cl  $\leq$  150 mg/L are projected to be required for 155 days per critical year type. To date, 151 days already been met.

### South Delta salinity:

30-day average EC  $\leq$  0.7 mS/cm.

The SWRCB has been notified that some stations have slightly exceeded the requirement.

### West Delta salinity:

14-day average EC @ Emmaton  $<$  2.78 mS/cm, Jersey Point  $<$  2.20 mS/cm

### Vernalis flows:

Base minimum monthly average  $>$  710cfs

7-day average  $>$  568cfs

Final copies of the DAT notes are now available on the CALFED Operations website at <http://www.woco.water.ca.gov/calfedops/datsummaries.html>